

**ALLOWABLE INTERNAL PRESSURE (psi)**  
**Red Brass (alloy 230) Pipe and Nipples**

**IMPORTANT:** The figures below are provided as a general guide, only to show approximate and relative pressures allowable. Numerous factors can result in lower or higher allowed pressures, such as temper of pipe, type of joint and joining materials, type and length of threads and the specific nature and configuration of application. Therefore, **do not use and do not rely** on the below listed pressure ratings when pressure is any consideration in the application, but consult a competent engineer and refer to ANSI B 31.

*(All figures are in psi, at the given temperature in Fahrenheit)*

Std. Nom. Pipe, Dia.	Nipples (threaded pipe)			Pipe (plain ends)		
	@100F	@300F	@400F	@100F	@300F	@400F
<b>Regular (Sched. 40)</b>						
1/8"	370	370	230	2640	2640	1650
1/4"	870	870	550	2610	2610	1640
3/8"	890	890	570	2280	2280	1440
1/2"	900	900	570	2160	2160	1350
3/4"	810	810	520	1800	1800	1130
1"	630	630	400	1580	1580	1000
1-1/4"	690	690	430	1440	1440	900
1-1/2"	630	630	400	1280	1280	800
2"	540	540	350	1050	1050	670
2-1/2"	450	450	280	1040	1040	650
3"	510	510	320	1000	1000	630
3-1/2"	570	570	370	1000	1000	630
4"	510	510	320	880	880	550
5"	410	410	270	710	710	450
6"	340	340	220	600	600	380
8"	360	360	230	560	560	350
10"	360	360	230	520	520	330
12"	320	320	200	450	450	280
<b>Extra Strong (Sched. 80)</b>						
1/8"	1960	1960	1240	4630	4630	2900
1/4"	2210	2210	1340	4200	4200	2640
3/8"	1840	1840	1150	3360	3360	2100
1/2"	1760	1760	1100	3130	3130	1970
3/4"	1510	1510	950	2560	2560	1600
1"	1340	1340	850	2360	2360	1490
1-1/4"	1160	1160	730	1950	1950	1220
1-1/2"	1090	1090	680	1770	1770	1120
2"	1000	1000	630	1520	1520	950
2-1/2"	970	970	620	1600	1600	1000
3"	910	910	570	1420	1420	900
3-1/2"	860	860	550	1300	1300	820
4"	840	840	530	1230	1230	770
5"	770	770	480	1080	1080	680
6"	800	800	500	1060	1060	670
8"	710	710	450	910	910	570
10"	550	550	350	710	710	450

Subject to errors - Not Responsible/Not Liable for errors.

Values based on formula in The Code for Pressure Piping, ANSI B 31.